

# Raman Subedi

Aspiring AI & DevOps Engineer | BIT Graduate

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## Profile

Highly motivated Information Technology graduate with a strong academic foundation and practical experience in backend operations and agile workflows. Over the past several months, I have dedicated myself to intensive independent study in **Artificial Intelligence** and **DevOps** methodologies. I am eager to deepen my theoretical and practical knowledge through a Master's program in Europe, bringing a disciplined, analytical mindset and a proficiency in German language and culture.

## Education

2019–2024 **Bachelor in Information Technology (BIT)**, Tribhuvan University, Nepal  
Graduated with a focus on software foundations and data analysis.

## Technical Skills

Languages	Python, C++, SQL, Bash Scripting
AI & Data	Pandas, NumPy, Scikit-learn, Basic Neural Networks, Data Preprocessing
DevOps Tools	Git, Docker, Jenkins (Basic), Linux System Administration, CI/CD Concepts
Web/Backend	HTML5, CSS3, Basic Backend API Integration

## Key Projects & Independent Study

Overview *During the last 3 months, I have transitioned my focus to building scalable infrastructure and understanding intelligent systems.*

2024 **AI Model Implementation, Self-Initiated**

- Developed basic machine learning models using Python and Scikit-learn to analyze datasets.
- Focused on data cleaning, feature engineering, and understanding algorithm efficiency.
- Explored neural network foundations and their mathematical underpinnings relevant to AI research.

2024 **DevOps Pipeline Simulation, Self-Initiated**

- Configured automated deployment workflows using Git and Docker containers.
- Practiced setting up continuous integration (CI) pipelines to automate testing and build processes.
- Managed Linux-based server environments to simulate real-world production deployment.

## Experience

- 2023–2024 **Technology Support Intern, Numa Digital Farm (NDF), Biratnagar**
- Collaborated with the technical team to support backend digital operations and optimize data handling processes.
  - Assisted in maintaining platform stability and supported content flow under strict agile deadlines.
  - Participated in platform testing cycles, identifying bugs and ensuring consistent system performance.
  - Engaged in virtual tech meetups and innovation forums to stay updated with emerging server-side technologies.

## Languages

Nepali	Native	<i>Mother tongue</i>
German	Fluent	<i>Strong command of written and spoken German</i>
English	Fluent	<i>Academic and professional proficiency</i>
Hindi	Fluent	<i>Oral and written proficiency</i>

## Community Engagement

- ongoing **Volunteer, Youth Awareness & Education Events, Biratnagar**  
Active participant in local educational initiatives, promoting technical literacy among youth.

## References

Available upon request.